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UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of)
)
Takashi YAMAZAKI, Kazuo HAKAMATA)
and Azuma KANO) **Art Unit: 2186**
)
Application Number: 10/812,893)
)
Filed: March 31, 2004)
)
For: DISK ARRAY APPARATUS AND DISK ARRAY)
APPARATUS CONTROLLING METHOD)
)
ATTORNEY DOCKET NO. ASAM.0118)

**Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231**

LETTER

Sir:

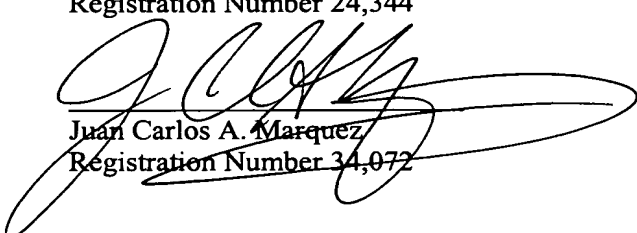
The below-identified communications are submitted in the above-captioned application or proceeding:

(x) Information Disclosure Statement w/refs

- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. § 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 08-1480**. A duplicate copy of this sheet is attached.

Respectfully submitted,

Stanley P. Fisher
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NOVEMBER 1, 2004



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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

CERTIFICATION

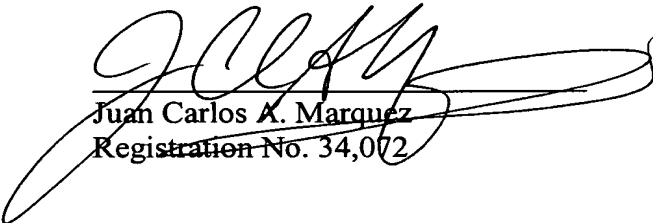
This Information Disclosure Statement is submitted after three months of the filing date but prior to the mailing date of the first Office Action of the above-captioned U.S. patent application. However, it is also hereby certified that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

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Form PTO 1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER ASAM.0118	SERIAL NUMBER 10/812,893
	APPLICANT Yamazaki et al.	
	FILING DATE March 31, 2004	GROUP

U.S. Patent Documents

Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
		2003/0193732 A1	10/16/2003	Hakamata et al.			04/14/2003
		2003/0193733 A1	10/16/2003	Hakamata et al.			04/14/2003
		6,583,947 B1	06/24/2003	Hakamata et al.			08/26/1999
		6,057,974	05/02/2000	Sukigara et al.			07/18/1997

Foreign Patent Documents

Examiner Initial		DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
		0 623 869 A1	10/11/1989	EPO			X	

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	United Kingdom Search Report dated September 29, 2004
EXAMINER	DATE CONSIDERED
<i>EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant</i>	

PTO1449